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[HOUSE OF REPRESENTATIVES.]

HOUSE OF REPRESENTATIVES, January 26, 1865.—Laid on table and ordered to be printed.

[By the CHAIR.]

ANNUAL REPORT

OF THE

COMMISSIONER OF PATENTS.

JANUARY 26, 1865.

CONFEDERATE STATES PATENT OFFICE, }
Richmond, January, 1865. }

To the Speaker of the House of Representatives.

SIR—In obedience to the requirements of the 23d section of the act establishing the Patent Office, approved May 21, 1861, I have the honor to lay before Congress the annexed list of all the patents that were granted during the past year, so classified as to exhibit, under proper heads, the subject of each patent; also, an alphabetical list of the patentees, with their places of residence, and a list of the patents that have become public property, in consequence of the failure of the holders thereof to pay the fee required by the statute, at the end of three years from the issue of such patents.

The expenditures of the office during the year were nine thousand eight hundred and ninety-six dollars and twenty-two cents—the receipts twenty-seven thousand one hundred and ninety-two dollars and thirty-two cents; excess of receipts over expenditures seventeen thousand two hundred and ninety-six dollars and ten cents. When to this is added the balance on hand on the 1st of January, 1864, to wit, two thousand five hundred and eight dollars and twelve cents, it will be seen that there is now a surplus in the treasury, to the credit of the Patent Fund, of nineteen thousand eight hundred and four dollars and twenty-two cents.

RECAPITULATION.

Receipts from January 1st, 1864, to Jan. 1st, 1865.	27,192 32
Balance in the treasury January 1st, 1864,	2,508 12
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Total	29,700 44
Expenditures from January 1st, 1864, to January 1st, 1865, - - - - -	9,896 22
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Balance in treasury January 1st, 1865,	\$19,804 22

Notwithstanding the above favorable exhibit, it is believed to be advisable, in view of the depreciation of the currency, and for other reasons that need not be specified, to increase the fees that are payable to the office at least one hundred and fifty per cent; and it is accordingly respectfully recommended that this be done by special enactment. Inventors, who pay the fees, will not object to such increase. Authority should also be given to the commissioner to allow a greater rate of compensation for copying than can be done under existing laws. The present rate, ten cents for each hundred words, is so low that great difficulty has been experienced for several months past in securing the performance of this kind of work.

Respectfully submitted.

RUFUS R. RHODES,
Commissioner of Patents.

Tr. P.
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CLASSIFIED LISTS OF PATENTS ISSUED IN THE YEAR 1864.

CLASS I.—AGRICULTURE.

No.	INVENTION.	PATENTEE.	RESIDENCE.	DATE.
224	Churn Dasher, -	Harry A. Bennet, -	Mecklenburg C.H., Va.	Jan. 21.
228	Sugar Cane Crusher, -	Thomas C. Brown, -	Ballsville, Va.	Feb. 8.

CLASS II.—METALLURGY.

No.	INVENTION.	PATENTEE.	RESIDENCE.	DATE.
238	Chain Link. -	David S. Cordle, -	Richmond, Va.	April 7.

CLASS III.—MANUFACTURE OF FIBROUS TISSUES, INCLUDING MACHINES.

No.	INVENTION.	PATENTEE.	RESIDENCE.	DATE.
234	Instrument for crooking card teeth, -	John H. & J. C. Carlisle, -	Ringwood, N. C., -	Mar. 16.
244	Instrument for renovating card teeth, -	Do. do. -	Do. do. -	May 6.
251	Machine for ginning, carding and spinning cotton, -	Anna Lewis, Executrix of Jno. Lewis, C. F. Richbourg, -	Greensboro', N. C., -	July 12.
222	Manufacture of bagging, -	Do. do. -	Gadsden, S. C., -	Jan'y 2.
247	Machine for carding cotton, -	David Rawl. -	Lexington C.H., S. C.	Jan'y 1.
263	Machine for making cotton rolls, -	Thos. B. Taylor, -	Montgomery, Ala. -	Nov. 16.

CLASS IV.—CHEMICALS, INCLUDING PROCESSES, &c.

No.	INVENTION.	PATENTEE.	RESIDENCE.	DATE.
233	Composition for ink, -	J. E. Cargill, -	Columbus, Ga. -	Mar. 12.

CLASS V.—STEAM ENGINES, &c.

No.	INVENTION.	PATENTEE.	RESIDENCE.	DATE.
237	Steam condenser, -	M. L. Parry, -	Galveston, Texas, -	April 2.

CLASS VI.—NAVIGATION.

No.	INVENTION.	PATENTEE.	RESIDENCE.	DATE.
241	Sea-going vessel, -	F. G. Smith, -	Columbia, Tenn., -	April 18.
258	Sub-marine boat, -	G. Williams, -	St. Louis, Mo., -	Oct. 6.
261	Sub-marine boat, -	Do. -	Do. -	Oct. 25.

CLASS VII.—MATHEMATICAL INSTRUMENTS.

No.	INVENTION.	PATENTEE.	RESIDENCE.	DATE.
240	Instrument for calculating distances, -	J. D. Gressit, -	Urbana, Va., -	April 15.

CLASS VIII.—CIVIL ENGINEERING, &c.

No.	INVENTION.	PATENTEE.	RESIDENCE.	DATE.
239	Bridge, - -	J. E. Garlington, -	Chambers C. H., Ala. -	April 9.

CLASS IX.—LAND CONVEYANCE, &c.

No.	INVENTION.	PATENTEE.	RESIDENCE.	DATE.
243	Mode of turning excen- trics for railroads, -	J. B. Gayle, -	Laurinburg, N. C., -	April 27.

CLASS X.—HYDRAULICS, INCLUDING WATER WHEELS.

No.	INVENTION.	PATENTEE.	RESIDENCE.	DATE.
235	Water-wheel, -	Y. A. Minnis, -	Franklinton, N. C. -	Mar. 20.

CLASS XI.—LUMBER, INCLUDING MACHINES, &c.

No.	INVENTION.	PATENTEE.	RESIDENCE.	DATE.
242	Machine for making wood joints, -	B. H. Washington, -	Hannibal, Mo., -	April 20.

CLASS XII.—LEATHER, &c.

No.	INVENTION.	PATENTEE.	RESIDENCE.	DATE.
249	Tanning, -	James Price, assignor to J. & J. W. Tomkins, -	Tucker's Pond, S. C. -	July 21.
264	Wooden shoe sole, -	A. F. Purejoy, -	Forrestville, N. C. -	Nov. 22.
265	Binding last, -	A. F. Purejoy, -	Do. -	Nov. 23.
230	Machine for cutting shoe pegs, -	John R. Maben, -	Allen Creek, Va. -	Feb. 13.

CLASS XIII.—HOUSEHOLD FURNITURE.

No.	INVENTION.	PATENTEE.	RESIDENCE.	DATE.
229.	Water boiler, -	J. E. Garlington, -	Chambers C. H., Ala. -	Feb. 10.
246	Combined bed and tent, -	A. D. McCoy, -	Livingston, Ala., -	Jan. 31.

CLASS XIV.—FINE ARTS.

No.	INVENTION.	PATENTEE.	RESIDENCE.	DATE.
227	Photographic process for duplicating maps, -	R. S. Sanxay & A. Gomert, -	Richmond, Va., -	Feb. 5.

CLASS XV.—FIRE ARMS, &c.

No.	INVENTION.	PATENTEE.	RESIDENCE.	DATE.
245	Torpedo, - -	A Barbarin, - -	New Orleans, La. -	May 20.
257	Torpedo, - -	Richard M. Harvey, -	Do. -	Oct. 5.
253	Projectile, - -	Jas. D. Layton, -	Memphis, Tenn., -	Aug. 25.
248	Clock torpedo, - -	Win. Moon, - -	Richmond, Va. -	July 11.
232	Breech-loading cannon, -	Geo. W. Powell, -	Clay Hill, Ala., -	Feb'y 29.
236	Torpedo, - -	J. C. Patton & E. Cuthbert, -	Petersburg, Va. -	Mar. 30.
260	Torpedo, - -	J. C. Patton, -	Do. -	Oct. 26.
259	Gun powder steaming barrels, - -	Geo. W. Rains, -	Augusta, Ga., -	Oct. 25.
236	Projectile, - -	John Scott, -	Ocala, Fla., -	Jan'y 27.
231	Instruments for fixing sights to cannon, -	C. E. Stuart, Owings & Taylor, -	Richmond, Va. -	Feb'y 26.
262	Projectile. - -	D. M. Somers & H. Dabney, -	Lynchburg, Va. -	Nov. 10.
266	Percussion cap rammer, -	W. N. Smith, -	Lynchburg, Va. -	Dec. 17.
233	Projectile, - -	R. H. S. Thompson, -	Richmond, Va. -	Jan'y 6.
255	Torpedo, - -	C. Williams, -	New Orleans, La. -	Sept. 6.
256	Torpedo, - -	C. Williams, -	St. Louis, Mo. -	Sept. 7.
			Do. -	

CLASS XVI.—SURGICAL INSTRUMENTS, &c.

No.	INVENTION.	PATENTEE.	RESIDENCE.	DATE.
252	Artificial leg, - -	Albert Strasser, -	Montgomery, Ala., -	Aug. 16.
235	Truss, - -	John Scott, -	Ocala, Fla., -	Jan'y 27.
250	Artificial leg, - -	G. W. & J. H. Wells, -	Charlottesville, Va., -	Aug. 11.
254	Stethoscopic probe, -	B. H. Washington, -	Hannibal, Mo., -	Aug. 29.

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ALPHABETICAL LIST OF PATENTEES FOR THE YEAR 1864.

No.	Name of Patentee.	Residence.	Invention.	Date.
221	Bennet, Harry A.	Mecklenburg C. H., Va.	Churn dasher.	Jan. 21.
228	Brown, Thomas C.	Ballsville, Va.	Sugar cane crusher.	Feb'y 8.
245	Barbarin, A.	New Orleans, La.	Torpedo.	May 20.
233	Cargill, J. E.	Columbus, Ga.	Ink composition.	March 12.
234	Carlisle, J. H. & J. C.	Ringwood, N. C.	Instrument for crooking card teeth.	March 16.
238	Cordle, David S.	Richmond, Va.	Chain link.	April 7.
244	Carlisle, J. H. & J. C.	Ringwood, N. C.	Instrument for renovating card teeth.	May 6.
229	Garlington, J. E.	Chambers C. H., Ala.	Water boiler.	Feb. 10.
239	Do.	" " "	Bridge.	April 9.
240	Gressitt, J. D.	Urbana, Va.	Instrument for calculating distances.	April 15.
243	Gayle, J. B.	Laurensburgh, N. C.	Mode of turning excels-trics.	April 27.
257	Harvey, Richard M.	New Orleans, La.	Torpedo.	Oct'r 5.
251	Lewis, Anna, executrix of John Lewis.	Greensboro', N. C.	Machine for ginning, card-ing and spinning cotton.	July 12.
253	Layton, Jos. D.	Memphis, Tenn.	Projectile.	Aug. 25.
230	Maben, John R.	Allen Creek, ✓	Machine for cutting shoe pegs.	Feb'y 13.
235	Minnis, Y. A.	Franklinton, N. C.	Waterwheel.	March 20.
246	McCoy, A. D.	Livingston, Ala.	Combined bed and tent.	June 31.
248	Moon, William	Richmond, Va.	Clock torpedo.	July 11.
232	Powell, George W.	Clay Hill, Ala.	Breech-loading cannon.	Feb'y 29.
236	Patton, J. C. & E. Cuthbert,	Petersburg, Va.	Torpedoes.	March 30.
237	Parry, M. L.	Galveston, Texas.	Steam condenser.	April 2.
249	Price, Jas., assignor to J. & J. W. Tomkins,	Tucker's Pond, S. C.	Tanning.	July 21.
260	Patton, J. C.	Petersburg, Va.	Torpedo.	Oct. 26.
264	Purejoy, A. T.	Forrestville, N. C.	Wooden shoe sole.	Nov. 22.
265	Do.	Forrestville, N. C.	Binding last.	Nov. 23.
222	Richbourg, C. F.	Gadsden, S. C.	Manufacture of bagging.	Jan'y 2.
247	Rawl, David	Lexington C. H., S. C.	Machine for carding cot'n.	Jan'y 4.
259	Rains, George W.	Augusta, Ga.	Gunpowder steaming barrels.	Oct'r 25.
225	Scott, John	Ocala, Fla.	Truss.	Jan'y 27.
226	Do.	Ocala, Fla.	Projectile.	Jan'y 27.
227	Sanxay, R. S. & A. Gomert,	Richmond, Va.	Photographic process for duplicating maps.	Feb'y 5.
231	Stuart, C. E., Owings & Taylor,	Richmond, Va.	Instruments for fixing sights to cannon.	Feb'y 26.
241	Smith, F. G.	Columbia, Tenn.	Sea-going vessel.	April 18.
252	Strasser, Albert	Montgomery, Ala.	Artificial leg.	Aug. 16.
262	Somers, D. M. & H. Dabney,	Lynchburg, Va.	Projectile.	Nov. 10.

ALPHABETICAL LIST OF PATENTS FOR THE YEAR 1864.—CONTINUED.

No.	Name of Patentee.	Residence.	Invention	Date.
266	Smith, W. N.	Richmond, Va.	Percussion cap rammer,	Dec. 17.
223	Thompson, R. H. S.	New Orleans, La.	Projectile,	Jan'y 6.
263	Taylor, Thomas B.	Montgomery, Ala.	Machine for making cotton rolls,	Nov. 16.
242	Washington, B. H.	Hannibal, Mo.	Machine for making wood joints,	April 20.
250	Wells, G. W. & J. H.	Charlottesville, Va.	Artificial leg,	Aug. 11.
254	Washington, B. H.	Hannibal, Mo.	Stethoscopic probe,	Aug. 29.
255	Williams, C.	St. Louis, Mo.	Torpedo,	Sept. 6.
256	Do.	Do.	Torpedo,	Sept. 7.
258	Do.	Do.	Sub-marine boat,	Oct. 6.
261	Do.	Do.	Do.	Oct. 25.

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LIST OF PATENTS EXPIRED DURING THE YEAR 1864.

No.	Patentee.	Residence.	Invention.	Date.
14	Armant, Victor	New Orleans, La.	Apparatus for clarifying cane juice,	Aug. 24.
46	Biggs, R. W.	Jacksonville, Fla.	Plough.	Nov. 21.
37	Blood, H. S.	New Orleans, La.	Switch and turn-table.	Oct'r 24.
20	Boothby, J. S.	Savannah, Ga.	Tanning,	Sept'r 17.
2	Brown, Charles E.	Staunton, Va.	Stirrup,	Aug. 11.
19	Carkeet, James H.	Natchez, Miss.	Manufacture of cannon.	Sept'r 3.
13	Clements, J. R.	Eufala, Ala.	Waterwheel,	Aug. 23.
9	Cofer, Thomas W.	Portsmouth, Va.	Revolving pistol,	Aug. 12.
42	Cox, Cornelius R.	Cahawba, Ala.	Cotton cleaner,	Nov'r 7.
47	Day, Andrew	Woodville, Miss.	Plough,	Nov'r 22.
56	Domler, Henry	Wilmington, N. C.	Military cap,	Dec'r 14.
10	Evans, John D.	Pleasant Hill, Ga.	Plough,	Aug. 13.
6	Frazier, J. W.	Frazierville, S. C.	Steamboat wheel,	Aug. 8.
12	Gardner, F. J.	Newbern, N. C.	Cartridges,	Aug. 17.
53	Grady, Louise	Norfolk, Va.	Washing machine,	Dec'r 6.
48	Gradick, J. N.	Fayetteville, Ala.	Do.	Nov'r 26.
39	Goodrich, H. C.	Augusta, Ga.	Camp cot.	Oct'r 30.
40	Gorman, J. P.	Charlestown, Va.	Cartridge box,	Oct'r 2.
23	Gotthiel, E.	New Orleans, La.	Percussion fuze,	Sept'r 19.
5	Habersham, R. W.	Beaufort, S. C.	Sabre lance,	Aug. 6.
8	Hall, Phidello	Springfield, Tex.	Breech-loading cannon,	Aug. 16.
30	Hall, Arthur R.	South Quay, Va.	Camp bedstead,	Oct'r 7.
36	Hearn, Alfred G.	Arkadelphia, Ark.	Instrument for measuring distances,	Sept'r 1.
38	Howe, R. C.	Richmond, Va.	Camp chest and bed,	Oct'r 29.
24	Ligon, E. T.	Demopolis, Ala.	Breech-loading pistol,	Sept'r 27.
44	McLeod, M. A.	Thibodeau, La.	Apparatus for clarifying sugar,	Nov'r 11.
57	Martin, W. B.	Fayetteville, Tenn.	Sewing machine,	Dec'r 31.
35	Oswalt, Daniel	Cubahatchie, Ala.	Breech-loading cannon,	Oct'r 15.
31	Park, E. J.	Memphis, Tenn.	Tanning,	Oct'r 10.
45	Peabody, George W.	Columbus, Ga.	Water proof composition.	Nov'r 20.
11	Preet, Armand	Gravel Hill, Va.	Lance,	Aug. 15.
41	Richenbaker, W. W.	Beaufort, S. C.	Camp chest and bed,	Nov'r 7.
51	Rose, Columbus A.	Columbia, Ala.	Hoe,	Nov'r 27.
52	Stephens, B. B. & W. H.	Dallas, La.	Cornstalk cutter.	Nov'r 27.
55	Tarleton, M. A.	New Orleans, La.	Cotton tie,	Dec'r 11.
34	Thomas, James	Batesville, Ark.	Bullet moulds,	Oct'r 15.
54	White, John M.	Citronville, Ala.	Breech-loading gun,	Dec'r 7.
49	Woolfolk, L. B.	Goodlettsville, Tenn.	Steam plough,	July 23.

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